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PHOTOGRAPHIC INTELLIGENCE REPORT

VITAL RECORDS COPY

TUNG-LANG SHIPYARD

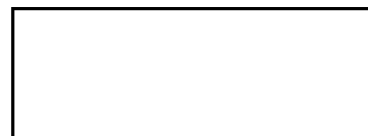
KUANG-CHOU, CHINA



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Declass Review by NIMA / DoD



DATE December 1966

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PAGES 10

GROUP 1  
Excluded from automatic  
downgrading and declassification

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TUNG-LANG SHIPYARD

KUANG-CHOU, CHINA

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SHIPYARD : TUNG-LANG SHIPYARD  
LOCATION : KUANG-CHOU, CHINA  
GEO COORDS: 23-04N 113-15E

KEY TO VESSEL ANNOTATIONS

1. Possible river ferry (LOA approx 250').
2. Probable ZEMLESES "SC-8" Class Dredge (LOA approx 245').
3. Two probable ex U.S. "Army FS Design 330" Class AKL (LOA of each approx 170').  
These two vessels are not present
4. KIANGNAN Class DE alongside fitting-out quay (LOA approx )  
A brief description of this unit is provided in the text accompanying Inset A, Figure 4, Appendix II of this report.
5. Unidentified merchant ship (LOA approx )
6. U.S. "LST-1" Class LST (LOA approx )
7. Unidentified merchant ship (LOA approx )
8. Unidentified merchant ship (LOA approx )
9. Unidentified dry cargo ship in graving dock (LOA approx 260').
10. Unidentified vessel in graving dock (LOA approx 195').
11. Small merchant vessel in small graving dock (LOA approx 160').
12. Five probable fishing trawlers (LOA of each roughly 75-80').
13. KIANGNAN Class DE under construction on building way (LOA approx )
14. Possible KIANGNAN Class DE under construction on building way (measurable length of vessel at present stage of construction is approx )

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Construction was apparently begun on this vessel shortly after [redacted] [redacted] For a review of the [redacted] evidence of DE construction at Tung-lang Shipyard see Appendix I of this report. A detailed description of each of the units at annotations 13 and 14 above is contained in Appendix II of this report.

15. Unidentified vessel (LOA approx 120').

16. Two unidentified YO (LOA of each approx 110').

KEY TO FACILITY ANNOTATIONS

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A. New two-bay building appears to be structurally complete and serving as a possible storage facility. This building measures approximately [redacted]

[redacted] Footings can be seen for this building [redacted]

B. Unidentified new building with a small adjacent shed appears to be structurally complete. Footings (approximate dimensions [redacted] can be seen for this building [redacted]

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C. Single-story probable support building (approximate dimensions 180 by 45 feet). When seen [redacted] the walls appeared to be in place but there was no evidence of roofing. [redacted]

D. New small support building adjacent to building at annotation C (dimensions approximately [redacted]

25X1

25X1

E. Three buildings seen [redacted] are now removed. There is no indication of new construction to replace these buildings.

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F. New possible pre-fab/sub-assembly building under construction at head of building way (approximate length - 160 feet; width cannot be determined). Possible overhead craneways can be seen with the roofing being placed along the horizontal cross-members of the overhead craneways.

G. Two-bay probable construction hall (measurements approximately 235 by 170 feet). This building was under construction [redacted]

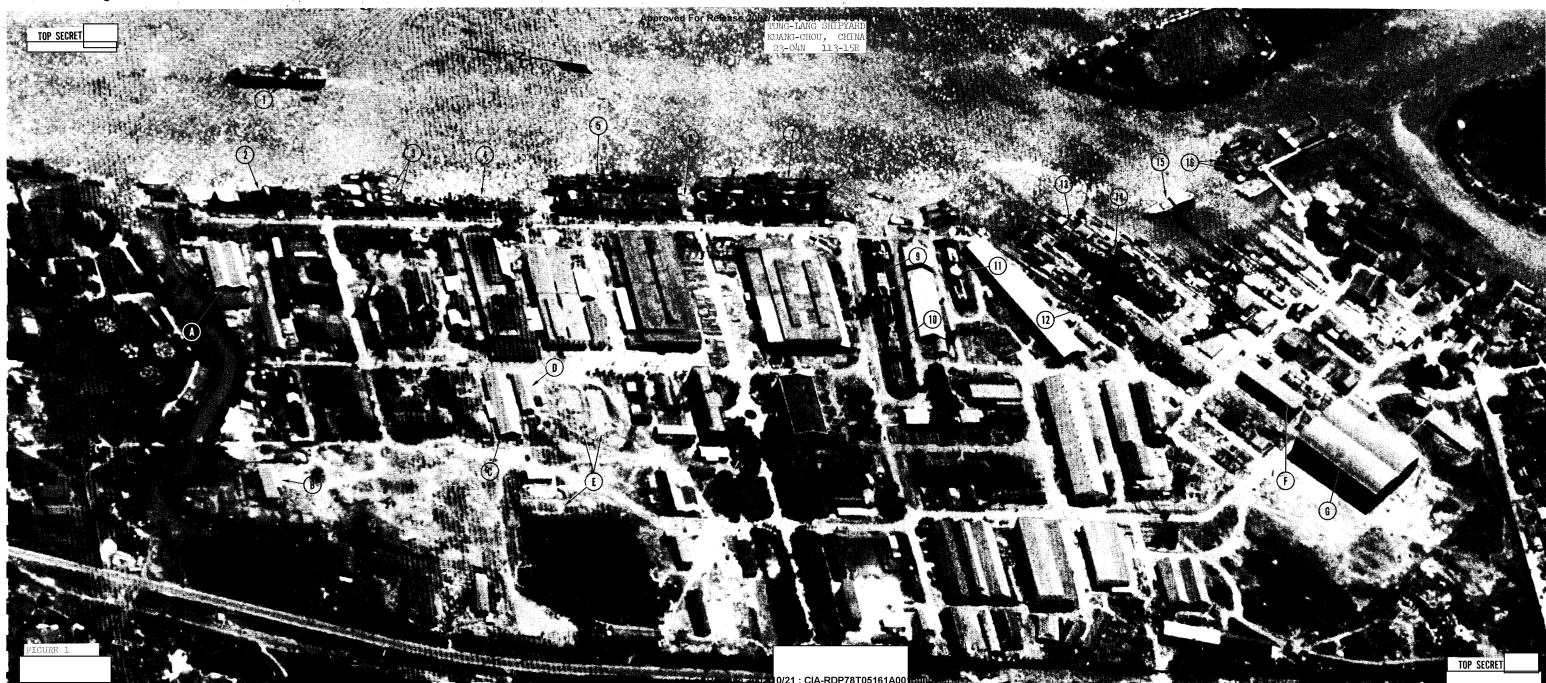
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TUNG-LANG SHIPYARD  
KUAN-CHOW, CHINA  
27-04N 113-15E

FIGURE 1

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APPENDIX I

EVIDENCE OF KIANGNAN CLASS DE CONSTRUCTION AT TUNG-SHIPYARD,  
KUANG-CHOU, CHINA

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ACTIVITY NOTED (SEE LOCATOR SKETCH, FIGURE 3)

Four small possible fishing vessels occupied ways #1 and #2.

Four small possible fishing vessels occupied ways #1 and #2.

The first evidence of a new vessel under construction was noted on way #1, with a possible midship section visible. The section measured approximately [redacted] approximately [redacted] Way #2 was occupied by 2 small vessels.

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There was evidence of further construction on building way #1, with an additional section moved into position for assembly. The length of the construction excluding the section being moved into place measured approximately 160 feet in length. The section being moved into position for assembly measured approximately 40 feet in length. The width of both assemblies was approximately [redacted] Possible activity on way #2 could be determined.

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Way #1 was still occupied; the vessel on this way was noted to be in an advanced stage of construction. Activity on way #2 was undetermined.

The vessel which had been constructed on way #1 had been launched [redacted] Several unidentified objects occupied way #1. If the vessel built from the components

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seen on way #1 [REDACTED]  
was a KIANGNAN Class DE it may equate to  
the 300 foot probable combatant visible in  
midstream out from the fitting-out quay on  
this coverage [REDACTED] Way #2 was  
occupied by a vessel that appeared to be  
in an advanced stage of construction.

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Way # 1 is now occupied by a new vessel  
under construction - possibly a KIANGNAN  
Class DE. Way #2 is occupied by a KIANGNAN  
Class DE in an advanced stage of construction.  
The 300 foot probable combatant moored in  
midstream [REDACTED] may have been the  
same vessel now observed at the fitting-  
out quay. This vessel has now been identi-  
fied as a KIANGNAN Class DE. See annotation  
4, Figure 1 and the text accompanying Inset  
A, Figure 4, Appendix II of this report.

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No change is noted in the location of the  
three DE's [REDACTED]

NOTE: Two ex-U.S. AKL's seen [REDACTED]  
[REDACTED] are no  
longer present.

SELECTED COMPARATIVE EVIDENCE OF KIANGNAN CLASS DE CONSTRUCTION AT  
KIANGNAN SHIPYARD, SHANGHAI, CHINA (31-12N 121-29E)

25X1

The building way on which the first KIANGNAN  
Class DE was observed under construction  
had not been occupied at this time although  
a large number of construction materials  
surrounded the way.

A 300 foot possible surface combatant was  
first noted on the large way at the  
Kiangnan Shipyard.

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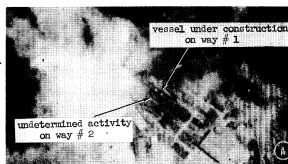
A probable DE was first observed alongside the fitting-out wharf at the Kiangnan yard. The long way occupied by the DE under construction was now vacant. It is probable that the DE at the fitting-out wharf is the same vessel seen earlier on the long way.

This report offers a visual comparison between the RIGA Class DE and a KIANGNAN Class DE with both overhead and ground photography.

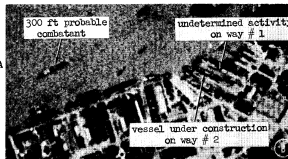
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CONSTRUCTION CHRONOLOGY KIANGNAN CLASS DE  
TUNG-LANG SHIPYARD, KUANG-CHOU, CHINA  
(FROM PREVIOUSLY UNPUBLISHED PHOTOGRAPHY)

TUNG-LANG, KUANG-CHOU, CHINA



TUNG-LANG, KUANG-CHOU, CHINA



TUNG-LANG, KUANG-CHOU, CHINA

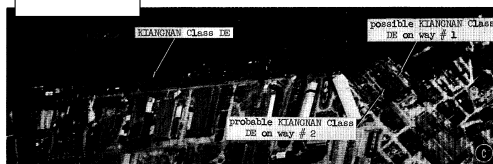


FIGURE 2

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LOCATOR SKETCH OF BUILDING WAYS  
TUNG-LANG SHIPYARD, KUANG CHOU CHINA

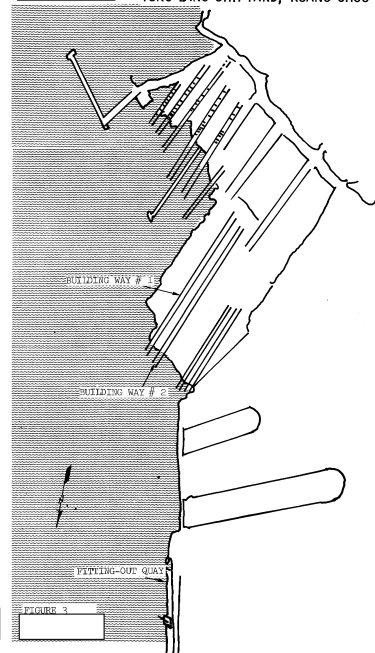


FIGURE 3

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## APPENDIX II

## IDENTIFICATION FEATURES OF KIANGNAN CLASS DE

## UNDER CONSTRUCTION AT TUNG-LANG SHIPYARD

## ANNOTATIONS TO FIGURE 4

## INSET A

The features (keyed into Inset A, Figure 4) which identify this vessel as being a KIANGNAN Class DE include:

1. Superstructure characteristics identical to those of the known KIANGNAN Class DE. The stack on this unit is located just forward of the stack position of the RIGA Class DE. This unit is topped by a smoke deflector shield. The forward and aft deckhouse and the bridge configuration differ from that found on the RIGA Class DE. The mast and unidentified electronic equipment have been installed on this unit.
2. Increased freeboard for the forward two-thirds of the hull and a lower afterdeck are visible. The arrows from annotation 2 on Inset A point to the break between the two deck levels of this ship.
3. The main armament includes a single battery forward, two batteries aft, with the #2 battery platform visible.
4. An unidentified object is visible on the bow forward of the spray shield.
5. An unidentified object is visible atop the leading portion of superstructure. This object is in the same position as the #2 battery of the RIGA Class DE and may possibly be an AA mount.

NOTE: The two objects seen at annotations 4 and 5 to the KIANGNAN Class outfitting at Tung-lang were not seen on the ground photography of the KIANGNAN Class DE fitting-out at Kiangnan Shipyard, Shanghai, China (31-12N 121-29E). [REDACTED] Since the vessel at Tung-lang is still outfitting it may be that these two objects are sheds or some other type of temporary structure.

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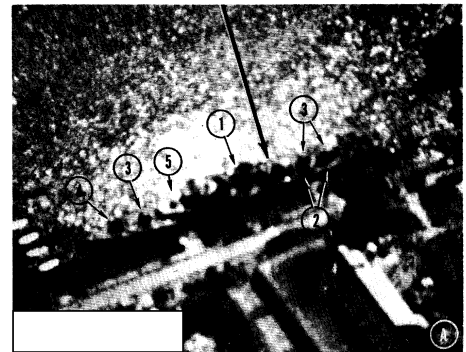
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APPENDIX II  
KIANGNAN CLASS DE CONSTRUCTION

KIANGNAN CLASS DE ALONGSIDE  
FITTING-OUT QUAY



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INSET B

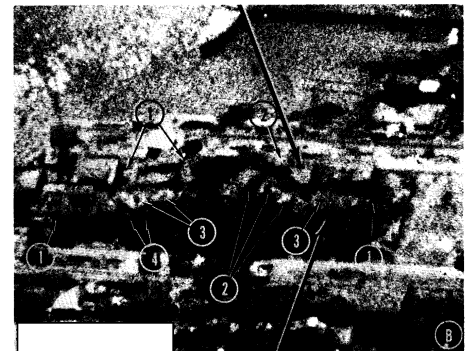
The new vessel under construction on way #1 has several KIANGNAN Class DE characteristics (keyed to the black annotations on inset B, Figure 4).

1. A split level main deck with an increased freeboard for the forward two-thirds of the hull and a lower freeboard for the afterdeck is visible.
2. Portions of the forward superstructure including the platform area forward of the bridge can be related to the KIANGNAN Class DE.

The recognition features of the KIANGNAN Class DE visible under construction on way #2 are as follows (keyed to the white annotations on Inset B, Figure 4).

1. LOA is identical to that of the known KIANGNAN Class DE.
2. The superstructure is almost complete and equates favorably to the superstructure of the known KIANGNAN Class.
3. No armament has been installed but the probable battery platform areas are visible.
4. This ship has an increased freeboard for the forward two-thirds of the hull and a lower afterdeck. The arrows from annotation 4 on Inset B point to the break between the two deck levels of this ship.

NEW VESSEL U/C POSS.  
KIANGNAN CLASS DE  
WAY #1



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PROBABLE KIANGNAN CLASS DE  
WAY #2

FIGURE 4

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## REFERENCES

25X1

## DOCUMENTS

CIA/PIR-67021, Tung-lang Shipyard, Kuang-chou, China

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CIA/PIR-67156, Tung-lang Shipyard, Kuang-chou, China

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CIA/PIR-67241, Tung-lang Shipyard, Kuang-chou, China.

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CIA/PIR-67239, Tung-lang Shipyard, Kuang-chou, China,

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CIA/PIR-7014/65, Kiangnan Shipyard, Shanghai, China.

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CIA/PIR-67109, Kiangnan Shipyard, Shanghai, China.

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CIA/PIR-67309, Kiangnan Shipyard, Shanghai, China

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CIA/PIR-67268, Kiangnan Shipyard, Shanghai, China

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